DXpedition News

Chagos - VQ9 Dale W4QM has returned to Chagos (AF-Ø6) for a 4-6 month stay as VQ9QM. Dale is very active on CW, but warns that the new station is near the broadcast station, and 160 meters will probably be impossible. QSL home call.

Tahiti - FOØ John KP2A continues his Pacific tour with two weeks in Tahiti (OC-46). John was very active as T32JA from Eastern Kiribati. QSL to N6CW.

El Salvador - YS Look for DK7PE/YS on 80 meter CW about now. QSL home call.

Aruba - P4 Steve WA4CMS will be on as P40W June 15-22, with Nao P40P. Watch 3505 7005 10105 14010 18075 21010 24900 and 28010 kHz on CW and 3790 7070 14190 18120 21290 24940 and 28490 kHz on CW. QSL P40P to N1CIX, P40W to WA4CMS.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Reserve Your Island - WPX CW

• Mariana Is. - KHØ JE1JKL will be on as NH6J/NHØ May 27-30, 80-10 meters. QSL home call.

• KNØE hopes to be on from China during WPX CW. No word on call. QSL to W6YB.

• Tom W2KVA will operate the club call VP2MU in the Test. He'll operate with /VP2M the rest of his May 23-June 5 stay at The Last Resort in Montserrat. QSL both to W6AB.

Other, previously-mentioned operations in WPX CW include K3TW as ATØT, N5RM as PJØR, some JAs as JA7AB/KC6, XX9MF by KC7V, FP/NA5E by the editor of 73 mag, TW5E, TW6A, FV8NDX, TV6OLE from the Ile d'Oleron (EU-32) by F6AUS, RB5M by UB4MZL, and HV3SJ by the Byers brothers. [Hint: use the international prefix allocation chart in the latest ARRL DXCC Countries list to decipher WPX calls.]

DXCC Desk Notes

Roy Gould KT1N reports that DJ6JC, operator of A15AC on RTTY from Abu Ail, will forward appropriate documentation for accreditation to the DXCC desk very soon. Maybe this will cover the CW and SSB operations as well. Stand by.

Shortly Noted

• The International edition of the 1988 Callbook is sold out. The North American edition will be gone soon. There are still copies of both available from dealers, but not for long. There will not be a reprint of the 1988 editions, but the Supplement will be out next month.

• 20 meter SSB net regulars were: A4XKB A61AB SØRASD FR4FA/J 9X5AA XU1SS AXØNE.

• Regulars on the bands are: A61AB 14251 at 2100Z in a list with JY3ZH, BV2B 14223-26 at 1300Z, 5H1HK 21040-50 at 2200 or 1300Z, TR8JJC 21025 at 2100Z, S92LB 21290 at 19-2200Z, and TL8HW 21335 at 1900Z.

• Rumors continue to circulate about a possible Vietnam XV operation this October by RL8PYL. The truth is that several Russians hams are part of a sports festival in Vietnam in October. They have applied for operating permission, but have not yet received a reply. Still very iffy.

• Other, more plausible, rumors have Afghanistan YA on the air soon. About 100 United Nations observers will monitor the Soviet withdrawal from Afghanistan, and some of those observers will be Finnish amateurs. Look for OH?/4U from YA soon.

• Going to be in Germany in mid-June? Plan to attend the Ham Radio 88 exhibition in Friedrichshafen, the "Dayton" of Europe, June 16-19 at the Exhibition Centre on Lake Constance.

Islands On The Air

• The Nanticoke ARC will activate KW3Z from Smith Island in the Chesapeake Bay (NA-83) Aug. 5-7. CW 40 kHz up, SSB on 3860, 7260, 14260, 21360, and 28460 kHz. QSL K3TLG.

• The Venezuelan Navy will put YY5M on July 14-17 from Los Monjes Island (SA-15). They'll be on all bands 160-10 CW, SSB, and RTTY. There are awards and trophies available for the first 5 amateurs who work YY5M on 4 or more bands. QSL before 30 Sept. to Radio Club Venezolona, Box 2285, Caracas 1010-A, Venezuela.

• Although it doesn't count separately for IOTA, Saona Reef off the Dominican Republic will be on as HI2UD June 3-5, on 3785 7045 14250 21250 and 28450 kHz on SSB and 3640 7015 14050 21050 and 28050 kHz on CW, with RTTY on 14090 and 21090 kHz.

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
May		Date	Flux	A	K	Date	Flux	A	K
27	High/Low	4/30	103	07/15	1	4/2	127	13/33	2
28	High Nor	5/1	107	05/12	2	4/3	128	18/67	4
29	High Nor	5/2	115	07/14	2	4/4	123	60/103	4
30	High Nor	5/3	121	04/15	2	4/5	114	15/41	2
31	High/Low	5/4	125	13/25	3	4/6	117	36/70	7
June									
1	Low Normal	5/5	119	16/32	2	4/7	120	15/22	4
2	Disturbed	5/6	114	60/125	3	4/8	125	07/17	2
3	High/Low	5/7	111	09/21	3	4/9	127	11/21	3
4	Low Nor	5/8	115	12/24	2	4/10	127	14/21	3
5	High/Low	5/9	120	10/20	3	4/11	131	08/15	3
6	Low Normal	5/10	114	14/20	2	4/12	136	15/21	4
7	High Nor	5/11	112	07/14	2	4/13	134	12/17	2
8	High Nor	5/12	109	05/13	2	4/14	145	08/17	1
9	High Nor	5/13	109	03/12	2	4/15	143	04/14	1
10	High Nor	5/14	103	05/11	2	4/16	147	10/14	4
11	High Nor	5/15	101	04/13	1	4/17	144	07/12	1
12	Low Normal	5/16	101	14/22	1	4/18	144	06/15	1

Thanks KH6BZF and Space Environment Services Center.

Propagation Watch

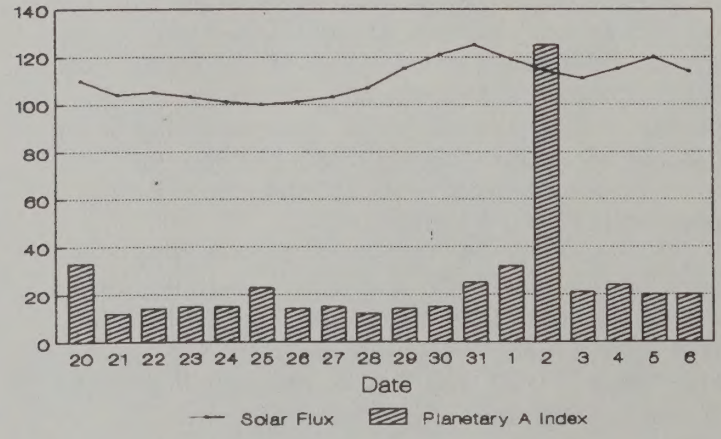
The bands continues provide good DX opportunities, despite occasional solar disturbances. Solar flux in May has been considerably lower than during April, bouncing between 100 and 120. This level of flux is not high enough to provide good 10-meter openings, but 15 meters has been excellent for much of May. At times, 15 stays open well past local sunset.

Although solar flux levels are moderate, absorption levels have been very low for much of the past month. The Planetary A index (see graph below) has stayed below 20 for most days, giving DXers good polar propagation, and excellent long-haul openings on 20. One major exception was during the solar storm that clobbered the bands on May 17. Although not as powerful as the severe storm in early May, this latest disturbance essentially eliminated DXing for a day.

If these propagation patterns repeat themselves during the next solar revolution, look for more of the same in the next month: consistent 20-meter openings, including long-path, well past local sunset; excellent 15-meter conditions, especially when solar flux increases even slightly; and some possibility of occasional 10-meter openings, but mainly north-south. Increasing noise in the Northern hemisphere has shut the door on most 80- and 160-meter DXing.

The best days for DX should be May 31-June 1, just before the recurrence of the May 6 solar storm. But be prepared for another, unanticipated solar storm at any time. Check WWV at 18 minutes after the hour.

Solar Data



RTTY Report

- KH2BT has been active on 14083 kHz at 2100Z.
- 4X6LP puts a good signal into the States on 14083 kHz at 2100Z.
- 8R1RBF is a new station on 14092 kHz at 0300Z.
- AH9AC is on 14095 kHz at 0900Z, but his beam is stuck west.
- A35SA has been very active on RTTY as well as CW. Listen on 14077 AMTOR at 0400Z.
- Also on AMTOR is AP2SQ, around 14073 kHz at 1130Z.
- Two stations on from Martinique: FM5BK on 14087 kHz at 0030Z, and FM5FH on 14086 kHz at 0200Z.
- VP2VA is on 14083 kHz at 1100Z, on 75 baud.
- CT3CN occasionally shows on 14086 kHz at 1100Z.
- FK8AH has a good signal on 14092 kHz at 0400Z.
- EA9JV works the US on 14081 kHz at 2345Z.
- V85GA has been on AMTOR on 14077 kHz at 0930Z.
- JA7AB/KC6 will be on from Ponape in the Eastern Carolines May 27-June 1. Look for operation beginning at 0400Z on May 27. Split operation, listening 5-10 kHz up. JA7AB says he has limited experience and would like guidance on operating procedures. QSL JA7AGO.

RTTY Contests

Did you find RTTY activity a little slow during the announced May 14-15 dates for the ARI Volta RTTY test? You were not alone, as the test was held May 7-8! Apparently May 1 falling on Sunday has confused some May contest dates.

Don't let the same problem happen again in June. The ANARTS RTTY contest is June 11-12, not June 4-6 as listed in CQ magazine. The rules in CQ are otherwise correct, including one of the most complicated scoring systems for any contest.

Tibet Operation

Zhou Yu-hong (left) and Chen Fang at the controls of BT0LS in Lhasa, at the foot of Mt. Everest. Both are operators from BY4AA. Chen will soon manage the new station BY4RSA.

6-Meter Gear?

Have you looked for 6-meter transceivers recently? The supply seems to have dried up in the US. The only 6-meter gear I could find for under $1000 was a transverter kit imported from England. British amateur radio magazines are filled with ads for the Kenwood TS-680 160-6 M transceiver, and the ICOM IC-505 6-meter rig. In the US, however, 6-meter gear is listed in the "Wanted" category and not the "For Sale" listings.

Sunspot Cycle 22 might provide some good 6-meter openings, and more DX stations are looking for suitable gear. If you know of any reasonably priced used 6-meter gear, such as the Yaesu FT-620 or similar rigs, some DX stations would like to get on 6M. Contact The DX Bulletin with any help. Thanks. -ed.

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
4X6RA	14090	0050	14	CA
5H3ZO	14088	0344	1	CO
C31NP	14095	0035	15	CA
FK8AH	14093	0358	12	CO
FM4FH	14088	0210	9	OH
LA1PI	14085	1431	1	CO
LU9AMT	14087	0225	9	OH
OE2WJL	14084	0305	15	OH
RV9FQ	14088	0351	1	CO
UA0JV	14087	0500	11	CA
UT5RP	14091	0200	13	OH
UZ3DXW	14082	0640	14	CA
V85WS	14095	1715	14	CA
XE1M	14076	1050	11	OH
ZS6CDJ	14093	1205	15	OH
-----160 Meters-----				
KH5/ WØRLX	1832	0551	4	WA
KH6CC	1831	0512	7	WA
KX6DC	1833	1022	7	WA
T32JA	1832	0820	12	MA
-----80 Meters-----				
A35AS	3503	1120	16	MN
A35AS	3503	1205	15	MT
T32JA	3506	0930	16	CT
-----40 Meters-----				
7X3DA	7004	0625	18	MA
A22BW	7006	1420	15	OR
A35AS	7008	1000	14	CT
A35AS	7001	1135	17	IL
J52US	7006	0120	13	IA
KH2F	7095	1040	16	OH
P29HS	7008	1200	13	CO
-----20 Meter CW-----				
3B8CF	14036	0407	10	NH
3V8DX	14005	1306	14	AL
4KØE	14006	0037	20	FL
4S7EA	14018	2332	8	VT
4S7VJ	14029	0134	5	AL
4S7WP	14005	0053	17	FL
5H1HK	14002	2226	16	IL
5NØ/ YU1FAG	14038	2229	19	FL
5U7/ TU4BR	14063	2350	16	IA
7X2FK	14014	0209	4	VT
8J7ITU	14010	1230	14	FL
9J2BO	14025	0606	8	NH
9L1GG	14027	2240	16	MN
9M2RU	14004	1042	14	MA
9N88ITU	14020	1400	14	OR
9V1XC	14010	1334	17	OR
9V1XE	14009	1451	15	WI
9X5AA	14005	0003	16	MN
A92EM	14023	0120	13	CO
BV2B	14017	1226	14	OH
BV2DA	14016	1550	11	OR
BY4RB	14030	1135	13	AL
BY7KT	14003	1334	13	MT
C53GS	14003	0012	17	FL
CEØZIG	14010	0515	27	EU
FOØAQ	14008	0504	9	EU
FT5ZB	14025	0322	10	FL
HBØ/ DL1GSB	14030	0414	14	MT
HSØA	14025	0458	15	TN
HV3SJ	14035	1120	11	NH
HZ1HZ	14008	0050	12	FL
HZ1HZ	14025	0219	8	GA
JT/OK1XC	14011	1120	11	GA
JT1BR	14007	1340	13	OR
JY5DL	14025	0051	20	FL
KG4JO	14027	0316	10	MN
OX3XM	14014	0043	20	FL
OY7ML	14026	2020	11	GA
P29RA	14035	1115	9	NH
RAØBB	14002	0246	13	MD
RH8AN	14026	0130	5	AL
RH8BA	14046	2028	14	WI
S9AGD	14025	0903	8	JA
SX1RAAG	14016	2202	19	FL
TA2D	14023	0118	5	AL
TA3D	14009	2148	17	FL
UA1OT	14033	0100	20	FL
UA2FQ	14022	2255	14	FL
UI8AAX	14017	0033	16	MA
UW3HY/1	14031	1209	11	MD
UW3HY/1	14019	2335	12	OR
VO7XX	14017	0046	20	FL
ZC4EE	14016	0515	21	NH
ZK1XB	14029	0857	12	MT
ZK1XB	14030	0439	15	WA
-----20 Meter SSB-----				
3D2MP	14180	1142	13	RI
3DAØBC	14160	1331	10	CA
3V1ALI	14226	2206	10	MD
4KØDC	14182	0411	11	CA
4UØUN	14195	0046	18	MA
5T5EV	14210	0115	11	CO
5T5NU	14165	1045	13	OH
5V7SA	14160	2110	10	CA
5W1FV	14229	0850	13	CO
7X2DS	14235	2357	11	PA
7X2DS	14218	0109	17	MA
7X5VRK	14180	0236	21	MN
8AØITU	14191	1505	17	OR
8R1DX	14212	0319	13	TX
9K2DT	14233	2341	8	MA
9K2KW	14239	0143	2	CT
9M2CW	14186	1625	11	MD
9M2HB	14226	1556	19	OR
9M6AE	14175	1602	14	OR
9M8PV	14165	1222	12	MN
9V1XE	14221	1356	15	CA
A4XJR	14209	2047	10	MD
A61AB	14251	0126	13	MD
A71AU	14223	0205	13	RI
A71BJ	14186	0237	11	MO
AXØNE	14225	0830	10	JA
BTØLS	14195	1320	14	MN
BTØZML	14310	1415	12	CA
BV2B	14226	1331	11	MD
BY4RB	14186	1150	11	RI
C53FJ	14244	0040	13	PA
C6ADJ	14253	0026	16	MA
D44BC	14220	0445	13	TX
DU9RG	14181	1155	12	GA
EE3UIT	14191	0100	17	MA
EP2DL	14213	0015	12	MD
EP2HZ	14154	0124	13	MD
EP2TJ	14203	0452	6	EU
FR4FA/J	14211	0400	17	WA
FR5DX	14205	0350	12	NY
FR5ES	14207	1158	13	IN
FT5ZB	14214	1208	10	MD
GB75USA	14177	1940	10	FL
HBØCZS	14161	0421	13	TX
J52US	14211	2329	12	CA
JT1KAA	14178	1510	12	WA
JY5EA	14243	2350	10	CO
JY5HH	14274	0320	12	MO
KX6HN	14195	1111	15	DE
OD5NF	14189	0207	11	NY
OY8I	14193	2313	11	NY
P29JP	14223	1152	13	RI
P29KH	14189	1110	12	RI
P29MM	14205	1317	15	OH
P29MN	14221	1155	16	IN
RØB/ RA3SS	14195	1605	9	EU
T5GG	14197	1857	8	EU
TK5BF	14188	0635	19	FL
TZ6VV	14222	0730	17	FL
UF6QR	14222	0122	13	TN
UG6LQ	14210	2145	14	MA
UG6LQ	14204	0452	15	FL
UJ8JCM	14237	0227	11	VT
UL8GWB	14153	0150	8	NH
V85HG	14165	1255	16	CO
VK9ND	14205	0605	18	MA
VU2TJW	14185	0120	11	CO
VU2XX	14191	0055	14	FL
XU1SS	14165	1235	11	MD
XX9TUE	14237	1240	11	MD
YI1BGD	14225	2053	15	MN
YN3EO	14198	0304	10	NC
ZK1XV	14220	0255	14	MA
ZL5BA	14222	0545	17	NY
-----15 Meter CW-----				
5H1HK	21047	2151	10	TN
5H1HK	21043	1315	15	CO
5NØELT	21005	1455	9	GA
5U7/ TU4BR	21025	0115	14	WA
9J2BO	21025	1236	21	FL
9M2FP	21005	1700	3	CT
9V1OK	21022	0004	15	CA
9V1TJ	21042	1706	2	VT
9X5AA	21016	2310	15	WA
A35AS	21007	0343	15	TN
A92EM	21017	0335	14	MT
BV2DA	21003	1432	14	VT
FH5EF	21035	1658	8	GA
HZ1AB	21032	1305	8	AL
HZ1HZ	21030	0500	11	WA
HZ1HZ	21021	2020	11	WA
OY7ML	21025	1932	12	FL
SV5TS	21087	1820	15	CA
SV9TJ	21020	1303	21	FL
TA3B	21026	2044	2	NY
TR8JJC	21026	2115	16	WA
TV6OCE	21021	2030	12	OR
UA1OT	21012	2243	14	AL
UA1OT	21030	0255	15	IA
UC2ADX	21017	1951	11	WI
UD6DC	21006	0337	15	CA
UI8IF	21008	1741	8	VT
UI8IF	21012	1355	9	GA
UI9AWX	21007	031	15	AL
UI9GWD	21011	0555	13	WA
UL7FEC	21025	0050	13	MA
UL8LWA	21037	0339	15	CA
UM8MBA	21024	0217	14	FL
UQ1GZW	21011	937	14	NM
V31AK	21052	1449	9	NH
YCØBAT	21005	1445	12	GA
YN3CC	21018	1338	11	WI
-----15 Meter SSB-----				
3D2MP	21186	0647	8	JA
3XØA/A	21245	1759	8	MD
4U3ITU	21267	2019	14	FL
5H3BH	21345	2055	11	CA
5NØWRE	21329	2033	14	FL
5T5NU	21310	2115	9	RI
5U7/ TU4BR	21296	0015	14	WA
5V7RW	21327	1338	17	NJ
5Z4DU	21324	2102	13	TN
9M2AR	21292	1750	30	VT
9N88ITU	21255	0208	15	MO
9V1WO	21229	1718	14	WI
9V1WP	21315	1652	9	FL
9X5NH	21282	2201	14	MA
A92BE	21220	0335	12	CA
BTØZML	21320	1546	12	FL
C53FJ	21325	1545	9	CA
CEØDFL	21281	2348	15	MT
DU7GJ	21262	1704	9	EU
FKØAN	21300	0219	13	MD
FR4FA/J*	21205	0505	13	WA
FS/ JA2EZD	21299	2216	8	CT
J52BLV	21345	2058	11	CA
JT1KAA	21231	0108	13	MD
OD5PL	21266	1917	11	MD
OHØNAW	21307	2049	14	MA
RAØAIL	21312	1554	12	FL
S92LB	21294	1909	9	FL
SV5TS	21270	1415	15	MA
SX1RAAG	21219	1920	14	CA
TL8HW	21335	1934	14	FL
TL8SC	21305	1955	7	GA
UJ8SAD	21221	1810	15	CA
YCØSQT	21329	1645	13	DE
Z21BP *	21205	0500	13	WA
-----10 Meter CW-----				
5NØ/ YU1FAG	28022	1800	12	FL
9Q5DA	28021	2130	12	MA
A35AS	28007	0130	15	CA
CEØFFD	28020	2251	11	TN
CEØFFD	28008	1930	14	NY
CN8FC	28028	1650	13	FL
FK8FG	28025	2200	12	FL
FT2XE	28030	0845	24	EU
PYØFF	28018	1950	14	NY
VK9XT	28009	0209	15	CA
YBØCXN	28012	0447	14	CA
-----10 Meter SSB-----				
3D2MP	28513	0301	12	NY
CX4CB	28492	1524	15	TX
EL8BS	28503	1620	14	NY
FKØBA	28505	2257	14	CA
FR5ZN	28520	1356	8	EU
FR4FA/J	28490	1140	8	EU
H44GP	28437	0315	8	CA
KH3/ KL7LF	28480	0453	14	CA
PZ1DV	28486	1950	7	GA
S92LB	28514	1925	9	FL
TR8JLD	28475	2031	3	VT
ZK1XB	28506	0239	15	CA

Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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May-June Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sa
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11

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The DX Bulletin

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Address _____

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CALENDAR

Issue 439 - May 27, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 1832 14-1500Z	I426
	7005 0145Z; 14025 0300Z	
Aruba - P4	P40P June 15-22	I439
Botswana - A2	A22BW 7005 kHz 1400Z	I438
Central Africa	TL8HW 21335 1900Z	I439
Chagos - VQ9	VQ9QM on CW	I439
Christmas Is.	VK4CEI/VK9X Jun 17-24	I438
Congo - TN	by N4NW late May	I432
Curaco - PJ2	PJ2/N5RM May 24-31	I427
E. Carolines	KC6DX May 27-June 5	I433
El Salvador - YS	DK7PE/YS 8Ø CW now	I439
Franz Josef Land	UA1O/UAØBDU, UW3HY/1	I434
✓ Glorioso - FR/G	FR4FA/G June 22-July	I436
Guinea-Bissau J5	J52US 28450 kHz 14Z+	I435
India - VU	ATØT WPX CW	I429
Juan de Nova FR/J	FR4FA/J to June 3	I436
	14236 kHz at 0400Z	I438
Juan Fernandez	CEØICD 14236 2200Z	I434
Liechtenstein HBØ	HBØ/F6GMB Aug 8-20	I437
Macao - XX	XX9MF CQ WPX CW	I436
Mariana - KHØ	NH6J/NHØ WPX CW	I439
Montserrat VP2M	VP2MU by W2KVA WPX	I439
Nepal - 9N	9N1MM 14236 ØØZ Wed	I428
	14183 0100Z	I434
	9N1MM on CW in June	I437
✓ North Cooks ZK1	ZK1QC June 25-30	I436
✓	ZK1WL 28300 0200Z	I437
Oman - A4	A4XKJ 14195-200 12Z+	I434
	A4XKB 20M SSB 0200Z	I435
Rodriguez - 3B9	3B9FR 14250 at 0300Z	I435
	More skeds in Issue 438	
Saba Is. - PJ	PJØM 6M Jul 7-14	I430
Sao Tome - S9	S92LB 21290 19-21Z	I439
St. Pierre - FP	73 Mag May 26-29	I434
Singapore - 9V	6 meters June 3-12	I438
Tahiti - FOØ	by KP2A to June 15	I439
Swaziland - 3DAØ	3DAØBW 28490 1500Z	I434
Taiwan - BV	BV2DA 14005 1400Z	I438
	BV2B 14223-26 1300Z	I439
Tanzania - 5H	5H1HK 21040 13, 22Z	I439
Tokelau - ZK3	by VK2BCH May	I435
Trindade - PYØT	ZYØTR et al June 1-7	I437
	esp. RTTY 14087 kHz	I437
Tuvalu - T2	CQWW SSB by K8JRK	I432
U.A.E. - A61	A61AB 14251 at 2100Z	I439
Vatican - HV	HV3SJ 21242 2000Z	I435
	HV3SJ CQ WPX CW	I436
West Sahara - SØ	SØRASD 21250 1800Z	
	28550 kHz at 1630Z	I435
Yemen - 4W	4WØEA late June	I435
Zambia - 9J2	9J2EZ 21010 at 2000Z	I435
Zone 23 - BTØ	BTØLS, ZML to May 30	I437
	14180/280 ØØ, 12Z	I433

DX Activities and Contests

Date	Event or Activity	Info
May 28-29	CQ WW WPX CW Test	CQ
June 11-12	ANARTS RTTY Contest	CQ
June 18-19	All Asian Phone	CQ
July 9-10	IARU HF Contest	QST

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Contributors

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